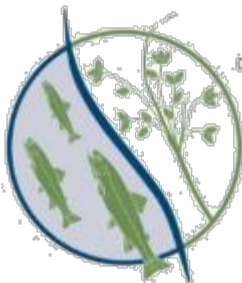


Culvert Replacement Municipal Assistance Grant (CRMA)



COMMONWEALTH OF MASSACHUSETTS
**Division of
Ecological
Restoration**

**Massachusetts Department of Fish and Game
Division of Ecological Restoration**

Presentation Overview

1. Welcome and presentation Summary
2. Stream Continuity Program Overview
3. Culvert Replacement Municipal Assistance Grant Summary
4. Question & Answer Period

Stream Continuity Program

Remove barriers to fish and wildlife, reconnect upstream and downstream habitat, and restore stream processes.



Massachusetts Stream Crossing Standards (SCS)

0.82 Openness ratio

Large span, 1.2x bankfull width

Open arch

2 feet
Embedment

Natural
substrate



Paul Nguyen

Banks, dry
passage

Comparable depth and
velocity, up & downstream

Benefits of SCS Structures



Traditional Culverts

- Blocks movement of fish and wildlife
- Disrupts stream processes
- Vulnerable to clogging with sediment and wood
- Downstream scour and erosion of structural components
- Often reduced hydraulic capacity
- Susceptible to failure and damages
- Higher maintenance and repair costs



Meets MA Stream Crossing Standards

- Reconnects access to critical habitat for fish and wildlife
- Allows natural stream channel adjustment and movement of sediment and wood
- Reduces lifetime maintenance costs
- Improved flood resiliency and reduces probability of flood-related damages
- Maintains road access for emergency, residential and community services
- Cost effective over lifespan of the structure

Stream Continuity Program

Increase Municipality's ability to replace culverts meeting the Massachusetts Stream Crossing Standards.



- Culvert Assessments
- Technical Assistance

- Training Sites
- Tools & Resources

Culvert Replacement Municipal Assistance Grant Program (CRMA)

- Replace undersized, perched, and/or degraded culverts located in areas of high ecological value
- With better designed crossings that meet improved structural and environmental design standards and flood resiliency criteria



Fiscal Year 2024 Grant Opportunity

RFR will be posted on COMMBUYS.com

COMMBUYS

COMMBUYS - Bid Solicitation

commbuys.com/bsv/view/search/external/advancedSearchBid.xhtml?q=RFR%20DER%202022-03%20Grant%20Opp%20Assistance%20for%20Replacement...

Guest

COMMBUYS
OPERATIONAL SERVICES DIVISION

Search...

Bid Solicitation: Advanced

Register

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Results

1-1 of 1

Bid Solicitation #	Alternate Id	Contract/Blanket #	Buyer	Description	Bid Opening Date	Bid Holder List	Awarded Vendor(s)
BD-22-1046-DER-FWE01-70273			Ione Hughes	RFR DER 2022-03 Grant Opp Assistance for Replacement of High Ecological Value Culverts	03/14/2022 17:00:00	LIST	Award in Process

1-1 of 1

Fiscal Year 2024 Grant Opportunity

RFR will be posted on COMMBUYS.com

COMMBUYS x COMMBUYS - Bid Solicitation x +

commbuys.com/bsol/external/bidDetail.sdo?docId=BD-22-1046-DER-FWE01-70273&external=true&parentUrl=close

Guest

Header Information

Bid Number:	BD-22-1046-DER-FWE01-70273	Description:	RFR DER 2022-03 Grant Opp Assistance for Replacement of High Ecological Value Culverts	Bid Opening Date:	03/14/2022 05:00:00 PM
Purchaser:	Ione Hughes	Organization:	Department of Fish and Game		
Department:	DER - Division of Ecological Restoration	Location:	FWE01 - Division Ecological Restoration		
Fiscal Year:	22	Type Code:	NS - Non-Statewide Solicitation	Allow Electronic Quote:	Yes
Alternate Id:		Required Date:		Available Date :	02/14/2022 10:00:00 AM
Info Contact:		Bid Type:	OPEN	Informal Bid Flag:	No
Purchase Method:	Open Market				

Pre Bid Conference:
Bulletin Desc: The Division of Ecological Restoration is seeking applications for grant funding from MA municipalities interested in replacing an undersized, perched, and/or degraded culvert in an area of high ecological value with better designed crossings that meet improved structural and environmental design standards and flood resiliency criteria. See attached RFR for details.

Ship-to Address:	Ione Hughes 251 Causeway St Suite 400 Boston, MA 02114 US Email: Ione.S.Hughes@mass.gov Phone: (617)626-1545	Bill-to Address:	Ione Hughes 251 Causeway St Suite 400 Boston, MA 02114 US Email: Ione.S.Hughes@mass.gov Phone: (617)626-1545	Print Format:	
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File Attachments:
[Final FY23 CRMA RFR](#)
[CRMA FY23 Final Application Form](#)
[FY23 Grant Briefing](#)
[FY23 Culvert BID Request Template](#)
[FY23 Pre-RFR FAQ](#)
[PreRFR CRMA Info Call Notes](#)
[FY23 CRMA RFR QA](#)

What's new in FY24 grant round?

- Revised eligible applicants to include the Commonwealth of Massachusetts local government bodies including towns, cities, districts, commissions, boards, and any regional local government units. (Section 1.3).
- Section 3. Instructions for Application Submission and accompanying Application Forms have been updated in this RFR.
- Updated evaluation criteria to include consideration for cost effectiveness, capacity building and transferability to similar projects (Section 3.2).
- Revised Project Terms, Performance and RFR Specifications (Section 2 - Performance and Contract Specifications and Section 5 - Miscellaneous).

FY24 CRMA Grant Timeline

- **February 1, 2023:** Deadline for Project Inquiries to be submitted to DERCulverts@mass.gov.
- **February-March 2023:** Request for Response (RFR) Period
- **Mid-March**
Grant Applications Due
- **July 2023**
Anticipated Grant Awards
- **July 2023 to June 30, 2024**
Grant Duration

Proposals Sought

- Projects in ecologically high value areas.
- Remove barriers to fish and wildlife, reconnect upstream and downstream habitat, and restore stream processes.
- **Only projects intended to meet the goals of the MA Stream Crossing Standards (SCS) will be funded.**

Eligible Applicants

- Massachusetts local government bodies and regional government units are eligible.
- Eligible applicants may apply jointly with one serving as the lead applicant.
- Project owners do not have to be the applicant but will be required to provide a letter of support.
- Municipalities awarded funding in a previous year and in good standing may apply for a new project or apply for continued work on the previously awarded project.

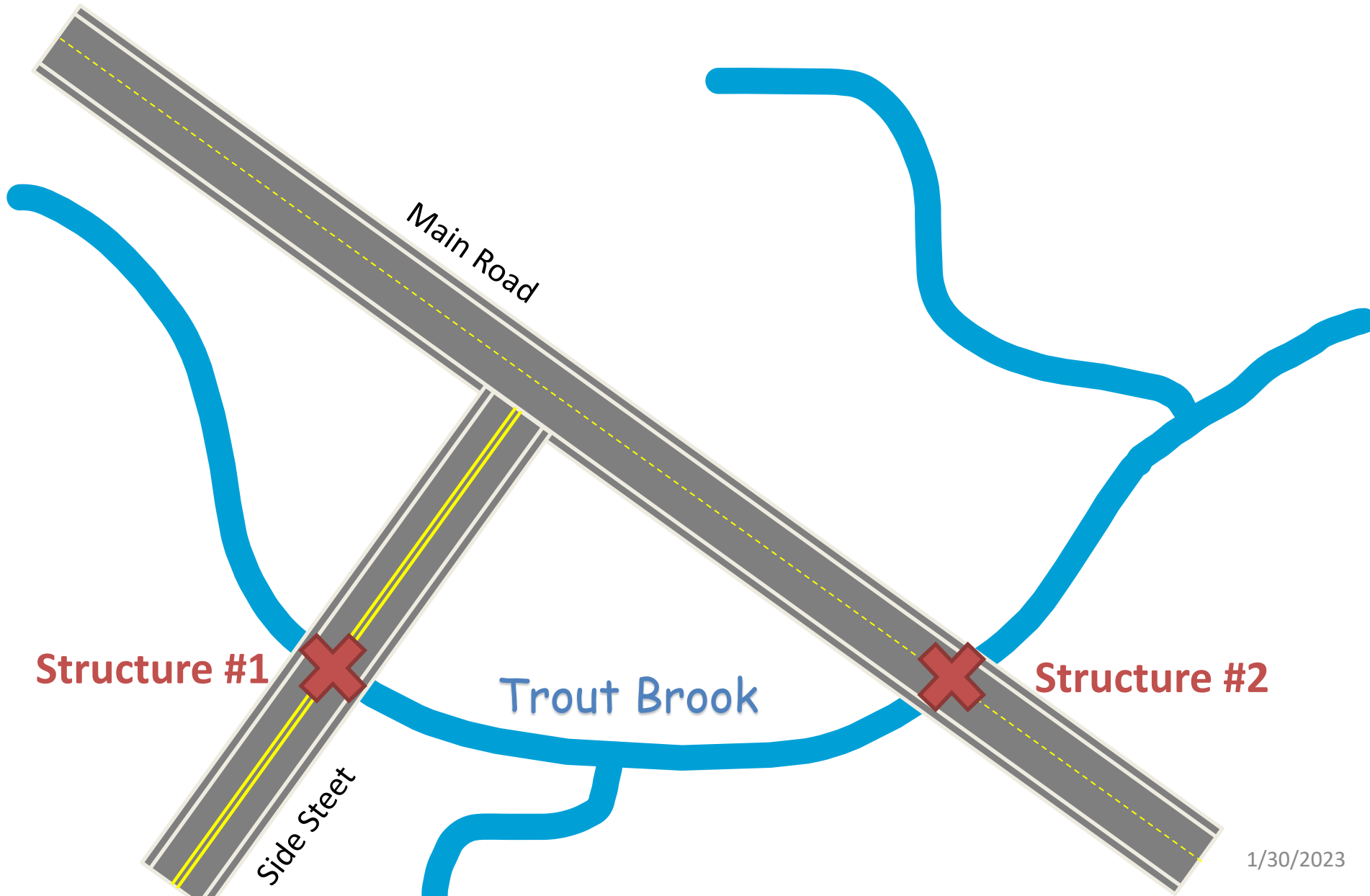
Eligible Projects

- Each applicant may submit **one** grant application.
- Each application may propose a project with up to 3 structures on the same local connected stream network per application.
- Proposed projects must intend to meet the goals of the Massachusetts Stream Crossing Standards.
- Only one application for any given stream crossing will be considered.

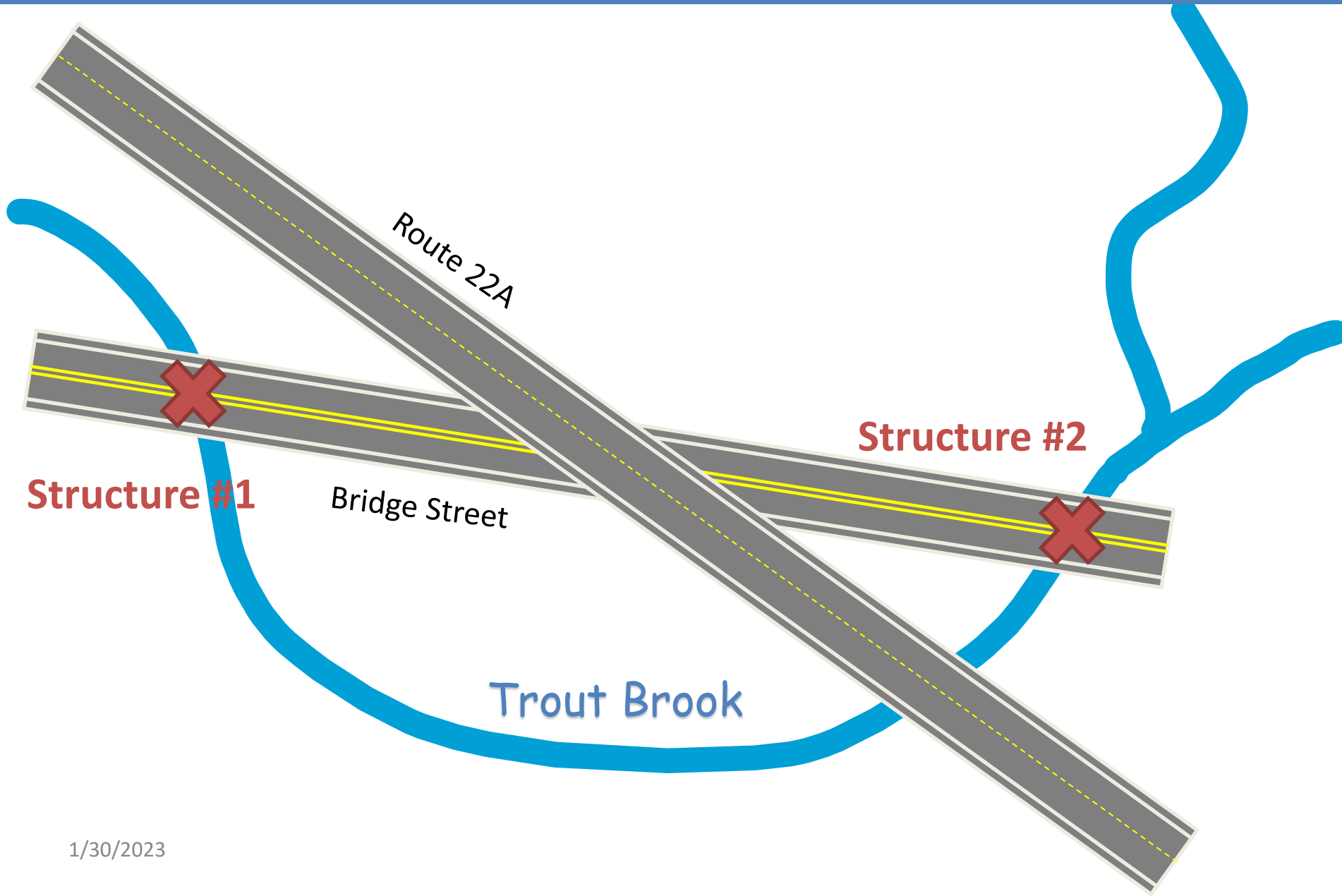
Eligible Projects

- Must be on a public way, owned and maintained by an eligible applicant, cross freshwater, non-tidal river or stream channel
- Can be either intermittent or perennial
- Projects where a culvert will be completely removed and the road decommissioned are eligible

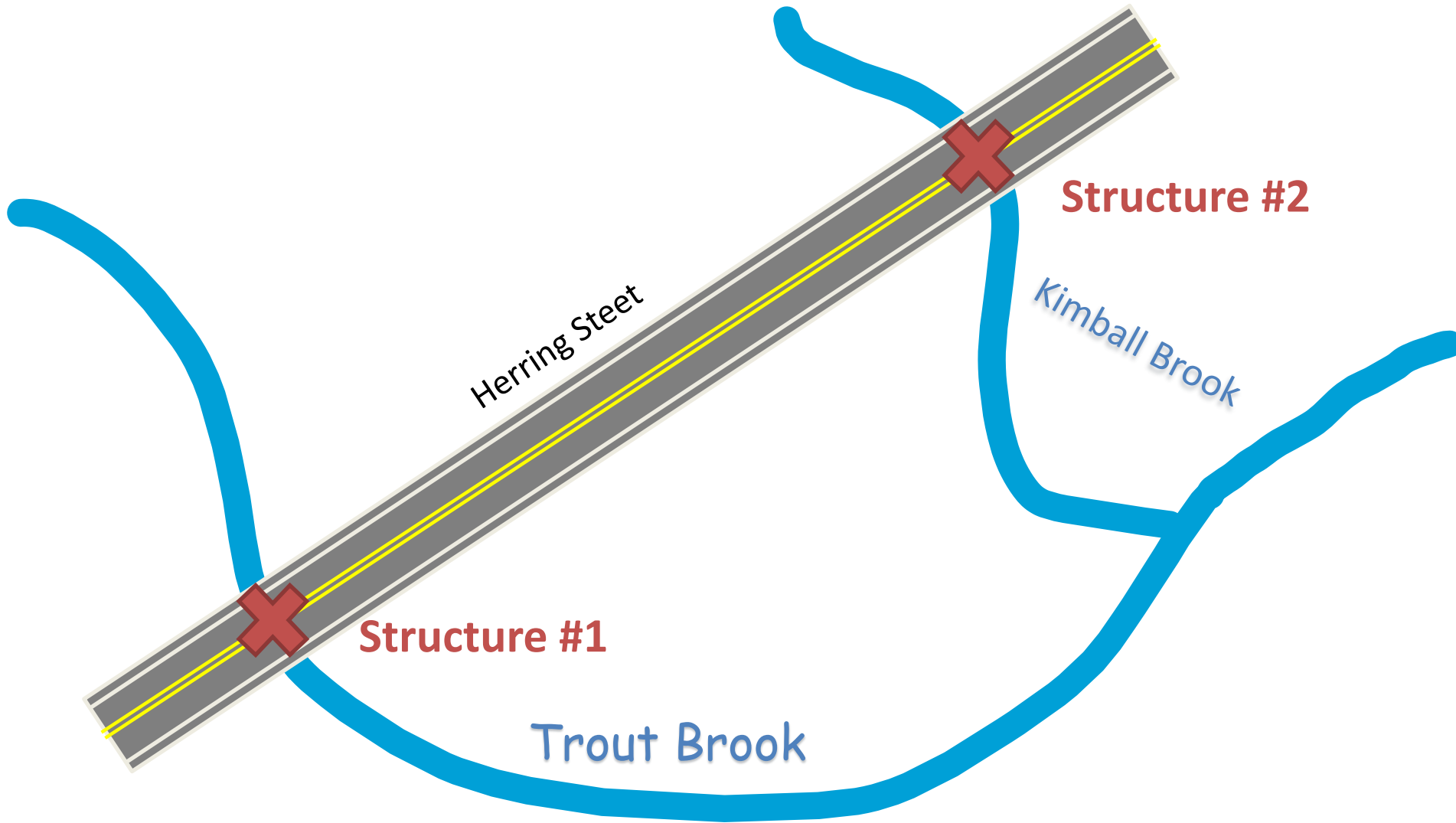
Eligible Projects – Stream Reach



Eligible Projects – Stream Reach



Eligible Projects – Local Stream Network



Project Phases

- Field Data Collection
- Design & Engineering
- Permitting
- Construction

Applicants may request funding for more than one project phase, but all work must be completed by June 30, 2024.

Engineering Projects

- Small Bridge/Chapter 85 review
- Any replacement span greater than 10 feet will be subject to MassDOT design requirements and review
- Applicants are encouraged to work with a prequalified consultant on applicable projects.

Match Requirement

- There is no match requirement.
- Applicants are encouraged to report other known sources of funding for the proposed project (both secured and anticipated).

Evaluation Criteria

- **Demonstrated Need (25 Points)**
 - i. Project Background
 - ii. Project Status/Readiness
 - iii. Financial Need
- **Project Description (30 Points)**
 - i. Project Scope
 - ii. Project Budget/Cost Effectiveness
 - iii. Project Timeline
- **Project Benefits (45 Points)**
 - i. Benefit to the Environment
 - ii. Public Safety Benefits
 - iii. Economic and Community Benefits
 - iv. Capacity Building/Transferability
 - v. Environmental Justice Communities Benefits
- **Total : 100 Points**

Evaluation Criteria – *New in FY24*

Capacity building/transferability –

How will the proposal build capacity, leverage funding, or enhance applicant's ability to transfer knowledge, achieve cost-savings, or amplify benefits of the project?



Evaluation Criteria – *New in FY24*

Project Budget and Cost Effectiveness –

- How cost effective is the project given its benefits? Does the application leverage other work (e.g., leveraged funds, other completed or planned restoration projects)?



Performance & Contract Specifications

Project Terms

- Contract is subject to negotiation of agreed upon scope of work

Deliverables, Ownership and Credit Due

- Technical deliverables produced under the contract shall be delivered to DER
- Structures will remain property of the Municipality/applicant

Reporting

- Necessary reports and deliverables are project specific and will be identified during contracting

Invoicing

- Grant is managed on a reimbursement basis for work completed after contract execution
- Only tasks identified in the scope are eligible for reimbursement

Grant Application Deadline

- Application due date subject to posting date of RFR.
- Applications received after the due date will automatically be rejected.
- Applicants are encouraged to submit in advance of the due date.

Contact Us With Questions

General and project-specific questions during the pre-RFR period:

DERCulverts@mass.gov

Instructions for questions after the RFR is posted will be included with the RFR.